

Work Order ID 79397

79397

Page 1

Wednesday, January 25, 2012 1:15:11 PM

Item ID: D412-761-043

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Modified Latch Mechanism, LH

Start Date: 1/25/2012 Start Qty: 2.00

2

Cust Item ID:

Required Date: 1/27/2012 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: *ML*

Date: *12-01-25* Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI9580	A
IIN D412-761	Rev D

100

0.00

100

DC

Document Control

DOCUMENT CONTROL

Memo

0.00

Photocopy bluefile & type labels per PPP D412-761-043 CHG001

5.12.10.126

for ML 12-1-25
(2)

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

12/1/25

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Cust Item ID:

Required Date: 1/27/2012 Req'd Qty: 2.00

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Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

130

Packaging

0.00

130

Packaging

Memo

Identify and pack for shipping as per PPP D412-761-043

Location: 321A

PPP Rev: A

0.00

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

(Handwritten signature)

12/1/27 SP (Handwritten signature)

12/1/30 (Handwritten signature)

mf 12-01-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, January 25, 2012 1:15:10 PM

Page 1

Work Order ID: 79397

Parent Item: D412-761-043

Parent Item Name: Modified Latch Mechanism, LH

Start Date: 1/25/2012

Required Date: 1/27/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A 09-01-13 rev.C as per dwg DD verified by:EC IPP REV:B 11.11.29 AS PER
DSI9580 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
S-12 D3589-041 LATCH ASSEMBLY		Manufactured	No			110	Each	3.0000	1	2			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST198A		3							
				76024		3							
S-12 D3589-047 FWD GUIDE		Manufactured	No			110	Each	3.0000	1	2			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST055		3							
				76025		3							
S-12 D3589-049 Aft Guide		Manufactured	No			110	Each	3.0000	1	2			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST055		3							
				76026		3							
S-12 MS16997-24 SCREW		Purchased	No			110	Each	18.0000	2	4			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST314		18							
				119811		18							
S-12 AN960JD6L Washer		Purchased	No			110	Each	724.0000	2	4			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST337A		724							
				5519		724							

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, January 25, 2012 1:15:10 PM

Page 2

Work Order ID: 79397

Parent Item: D412-761-043

Parent Item Name: Modified Latch Mechanism, LH

Start Date: 1/25/2012

Required Date: 1/27/2012

Start Qty: 2.00

Required Qty: 2.00

MS21042L06

Purchased

No

110

Each

624.0000

2

Nut

Location

Loc Qty

Loc Code

ST300

624

118354

2

119109

100

119758

22

120360

500

4

12/1/2012
2

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD.

IIN-D412-761

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5.0 PARTS LIST, FULL VERTICAL REFERENCE DOOR MOD

QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
X					D412-761-041	FULL VERTICAL REFERENCE DOOR KIT, LH
	X	1			D412-761-043	MODIFIED LATCH MECHANISM KIT, LH
1		X			D412-761-045	LARGE BUBBLE WINDOW KIT, LH
1			X		D412-761-047	DOOR MOUNTED INSTRUMENT PANEL KIT, LH
1				X	D412-761-049	ARMREST KIT, LH
	1				D3589-041	LATCH ASSEMBLY
	1				D3589-047	FORWARD GUIDE
	1				D3589-049	AFT GUIDE
	2				MS16997-22	SCREW
	2				AN960JD6L	WASHER
	2				MS21042L06	NUT
		1			D3676-1	LARGE BUBBLE WINDOW
		1			D3678-1	PLACARD
		1			D3678-3	PLACARD
		1			D3700-1	INBOARD WINDOW DOUBLER
		1			D3700-3	OUTBOARD WINDOW DOUBLER
		1			D3701-1	FLOOR DOUBLER
		1			D3702-1	FORWARD DOUBLER
		1			D3703-1	AFT DOUBLER
		1			D3703-3	AFT CORNER DOUBLER
		1			D3703-5	AFT CAP
		1			D3704-1	ESCUTCHEON
		1			D3704-3	ESCUTCHEON
		1			D3708-1	ANGLE
		1			D3708-3	ANGLE
		1			D3709-1	ANGLE
		1			D3709-3	ANGLE
		1			D3802-1-135	SEAL
		1			DT9458	CUTTING TEMPLATE
		26			AN3-7A	BOLT
		52			AN960JD10	WASHER
		26			MS21042L3	NUT
		1			MS24694-C5	SCREW (OR MS24694-S5)
		1			MS24694-C13	SCREW (OR MS24694-S13)
			1		D3705-041	INSTRUMENT PANEL ASSEMBLY
			1		D3705-043	* INSTRUMENT PANEL WELDMENT
			1		D3335-1	* SPRING
			1		D3705-5	* ACCESS PANEL
			1		D3706-5	* PIN
			2		D3707-3	* MOUNTING LUG
			4		AN526C1032R6	* SCREW
			1		AN960JD516	* WASHER
			1		MS171498	* SPRING SLOTTED PIN
			4		MS24693-C272	* SCREW (OR MS24693-S272)

*DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE

(CONTINUED ON PAGE 9)

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Revision: D

Date: 09.06.18

(CONTINUED FROM PAGE 8)

QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
			2		D3707-1	MOUNTING LUG
			1		D3790-1	INDEXING BLOCK
			1		D3867-1	CONNECTOR PLATE
			4		AN3-3A	BOLT
			6		AN526C1032R6	SCREW
			2		AN743-12	BRACKET
			6		AN960JD10L	WASHER
			6		MS21075L3	NUTPLATE (OR MS21073-3)
			4		MS24693-C272	SCREW (OR MS24693-S272)
			1		MS27039-1-17	SCREW
			1		MS27039-1-27	SCREW
			4		MS21042L3	NUT
			2		MS21919WDG8	CLAMP
				1	D3694-041	MOUNTING PLATE ASSEMBLY
				1	D3694-1	* KEYWAY
				1	D3694-3	* PROTECTIVE PLATE
				1	D3694-5	* MOUNTING PLATE
				1	AN526C1032R8	* SCREW
				5	AN960JD10	* WASHER
				4	MS21042L3	* NUT
				2	MS21209F1-20	* HELI-COIL, SCREW LOCKING (RED)
				1	MS24693-C271	* SCREW (OR MS24693-S271)
				4	MS24693-C273	* SCREW (OR MS24693-S273)
				1	D3695-041	SLIDER ASSEMBLY
				1	D3695-1	* SLIDER
				1	D3695-3	* STOPPER
				1	D3801-1	* HAND RETRACTABLE SPRING PLUNGER
				1	MS21209F6-25	* HELI-COIL, SCREW LOCKING (RED)
				4	MS21209F1-20	* HELI-COIL, SCREW LOCKING (RED)
				4	MS24693-C276	* SCREW (OR MS24693-S276)
				1	D3780-041	ARMREST ASSEMBLY
				1	D3696-041	* ARM ASSEMBLY
				1	D3696-1	** ARM
				1	D3801-3	** HAND RETRACTABLE SPRING PLUNGER
				1	D3781-041	* LATERAL CUSHION ASSEMBLY
				1	D3781-043	* ARMREST CUSHION ASSEMBLY
				1	D3785-3	* BRACKET
				1	D3977-1	* BOLT
				1	D3978-1	* NUT (CASTELLATED)
				1	D3979-1	* WASHER (SQUARE HOLE)
				2	AN970-6	* WASHER
				1	MS24665-302	* COTTER PIN
				2	MS21042L3	* NUT
				2	MS24693-C272	* SCREW
				2	MS24693-C277	* SCREW
				1	NAS1149D0663J	* WASHER

* DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE

** DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE

(CONTINUED ON PAGE 10)

(CONTINUED FROM PAGE 9)

QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
				11	AN3-6A	BOLT
				1	AN6-26	BOLT
				1	AN310-6	CASTELLATED NUT
				11	AN960JD10	WASHER
				1	AN960JD616L	WASHER
				2	NAS1515H6L	WASHER
				1	MS24665-302	COTTER PIN
				3	MS21071L3	ANCHORNUT
				8	MS21075L3	NUTPLATE

6.0 PARTS LIST, OPTIONAL VENT KIT

QTY -141	PART NUMBER	DESCRIPTION
X	D412-761-141	VENT KIT
4	D3932-1	SNAP VENT

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-761 REV. D
INSTRUCTION FOR CONTINUED AIRWORTHINESS ICA-D412-761 REV. 1
AND INSTALLATION DRAWING D412-761-1 REV. D

REF. TCCA STC: SH09-4
REF EASA STC: 10028917

REFERENCE ONLY

PURPOSE:

The purpose of this service instruction is to replace the MS16997-22 screw used in the latch assembly with MS16997-24 screw.

CHANGE:

5.0 PARTS LIST, FULL VERTICAL REFERENCE DOOR MOD (IIN-D412-761)
52.10 PARTS LIST (ICA-D412-761)

QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
X					D412-761-041	FULL VERTICAL REFERENCE DOOR KIT, LH
	X	1			D412-761-043	MODIFIED LATCH MECHANISM KIT, LH
1		X			D412-761-045	LARGE BUBBLE WINDOW KIT, LH
1			X		D412-761-047	DOOR MOUNTED INSTRUMENT PANEL KIT, LH
1				X	D412-761-049	ARMREST KIT, LH

IS:

	2				MS16997-24	SCREW
--	---	--	--	--	------------	-------

WAS:

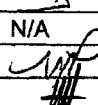
	2				MS16997-22	SCREW
--	---	--	--	--	------------	-------

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.10.25
CERT. NO.: SH09-4
ISSUE NO.: 2

A	NEW ISSUE	XDF	11.10.25
REV.	DESCRIPTION	BY	DATE
DESIGN	XDF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	XDF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9580	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		SCREW REPLACEMENT	NIS
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